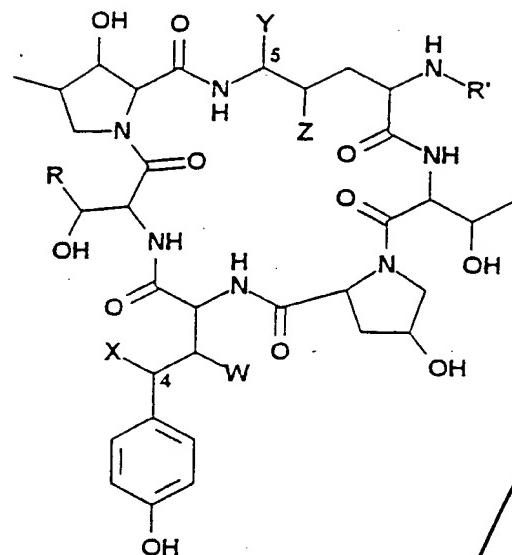


Claims:

1. A process for the conversion of echinocandin class of peptides of the formula

I



(I)

wherein W, X, Y, Z, R and R' are as defined herein below :

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		W	X	Y	Z	R	R'
	1. Echinocandin B	OH	OH	OH	OH	CH ₃	Linoleoyl
	2. Pneumocandin A ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	10,12-Dimethyl-myristoyl
15	3. Pneumocandin A ₁	H	OH	OH	OH	CH ₂ -CO-NH ₂	"
	4. Pneumocandin A ₂	OH	OH	H	H	CH ₂ -CO-NH ₂	"
	5. Pneumocandin B ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
	6. Pneumocandin B ₂	OH	OH	H	H	CH ₂ -CO-NH ₂	"
	7. Pneumocandin C ₀	OH	OH	OH	OH	CH ₂ -CO-NH ₂	"
20	8. Mulundocandin	OH	OH	OH	OH	H	12-Methyl-tetradecanoyl

to their C4-homotyrosine monodeoxy analogues of the formula I, wherein W, X, Y, Z, R and R' are as defined herein below

		<u>W</u>	<u>X</u>	<u>Y</u>	<u>Z</u>	<u>R</u>	<u>R'</u>	
5	1.	Deoxyechinocandin B (Echinocandin C)	OH	H	OH	OH	CH ₃	Linoleoyl
	2.	Deoxypneumocandin A ₀	OH	H	OH	OH	CH ₂ -CO-NH ₂	10,12-Dimethyl-myristoyl
	3.	Deoxypneumocandin A ₁	H	H	OH	OH	CH ₂ -CONH ₂	"
10	4.	Deoxypneumocandin A ₂	OH	H	H	H	CH ₂ -CONH ₂	"
	5.	Deoxypneumocandin B ₀	OH	H	OH	OH	CH ₂ -CONH ₂	"
	6.	Deoxypneumocandin B ₂	OH	H	H	H	CH ₂ -CONH ₂	"
	7.	Deoxypneumocandin C ₀	OH	H	OH	OH	CH ₂ -CONH ₂	"
	8.	Deoxymulundocandin	OH	H	OH	OH	H	12-Methyl tetra-decanoyl
15								

which consists of a single step selective reduction of C4-htyr (homotyrosine) hydroxyl group of echinocandins to their monodeoxy analogues under neutral conditions without prior protection / deprotection of the equally facile C5-Orn (ornithine) hydroxyl group and purification of the monodeoxy compound from the crude reaction mixture.

2. A process as claimed in claim 1, wherein Mulundocandin is converted to Deoxymulundocandin.

25 *Claim 1*
3. A process as claimed in ~~claims 1 or 2~~, wherein the reduction reaction is carried out by hydrogenolysis with Raney nickel in ethanol at pH 7 and room temperature.

Claim 3

30 4. A process as claimed in ~~claims 1 to 3~~, wherein the hydrogenolysis is carried out in the ratio of 6.8 ml of Raney nickel per millimole of mulundocandin.